

ELECTRICAL TECHNOLOGIES CERTIFICATE

Evening Program Options Available

The Electrical Technologies Certificate program is designed to upgrade skills or prepare the student with entry-level knowledge and skills in electronic theory and circuitry. The student will be trained in using equipment essential for employment in communication, industrial electronics, radio/television, and other electronic occupations. Completion of this certificate can prepare students for industry-wide certification. The Electrical Technologies Certificate can also be used toward an Associate of Applied Science in Technology Degree.

Requirements

Code	Title	Credits
Required Coursework		31.00
ELEC-110	BASIC ELECTRICITY	
ELEC-111	INTRO TO AC/DC CIRCUITS ¹	
ELEC-116	RESIDENTIAL TECHNOLOGY ¹	
ELEC-117	INDUSTRIAL/COMMERCIAL ELECTRICAL WIRING ¹	
ELEC-119	INTRO TO THE NATIONAL ELECTRICAL CODE ¹	
ELEC-120	ELECTRICAL MOTOR CONTROLS I ¹	
ELEC-122	INTRODUCTION TO MOTORS AND TRANSFORMERS ¹	
MATH-109	MATH FOR TECHNICIANS I ¹	
	or MATH-151 COLLEGE ALGEBRA	
Total Credits		31.00

¹

Course has prerequisite(s)

Tuition is calculated by contact hours per semester.

Current/Updated: 05/14/2020

Course	Title	Credits
Fall 1		
Required Coursework		15.00
MATH-109 or MATH-151	MATH FOR TECHNICIANS I or COLLEGE ALGEBRA	
ELEC-110	BASIC ELECTRICITY	
ELEC-119	INTRO TO THE NATIONAL ELECTRICAL CODE	
ELEC-116	RESIDENTIAL TECHNOLOGY	
Credits		15.00
Winter 1		
Required Coursework		16.00
ELEC-111	INTRO TO AC/DC CIRCUITS	
ELEC-117	INDUSTRIAL/COMMERCIAL ELECTRICAL WIRING	
ELEC-120	ELECTRICAL MOTOR CONTROLS I	
ELEC-122	INTRODUCTION TO MOTORS AND TRANSFORMERS	
Credits		16.00
Total Credits		31.00